

**FEATURES**

- > High reliability
- > low dark current
- > Top illumination planar PIN PD

**APPLICATIONS**

- > Gas Analyzer
- > Environment measurement
- > Science analysis and experiment
- > Space light detect equipment
- > Optical power meter
- > NIR photometry
- > Optical fiber sensor

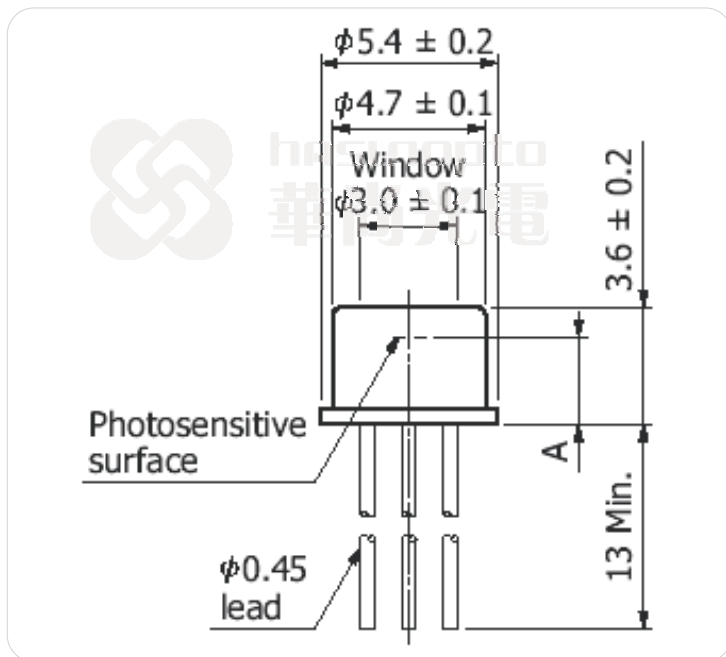

**Absolute Maximum Ratings**

ITEMS	SYMBOL	RATINGS	UNIT
Operating temperature	Topr.	-40~+85	°C
Storage temperature	Tstg.	-50~+125	°C
Forward current	If	10	mA
Reverse voltage	Vr	1	V
Power dissipation	Pd	100	mW
Soldering temperature(time)	Ts(10s)	260	°C

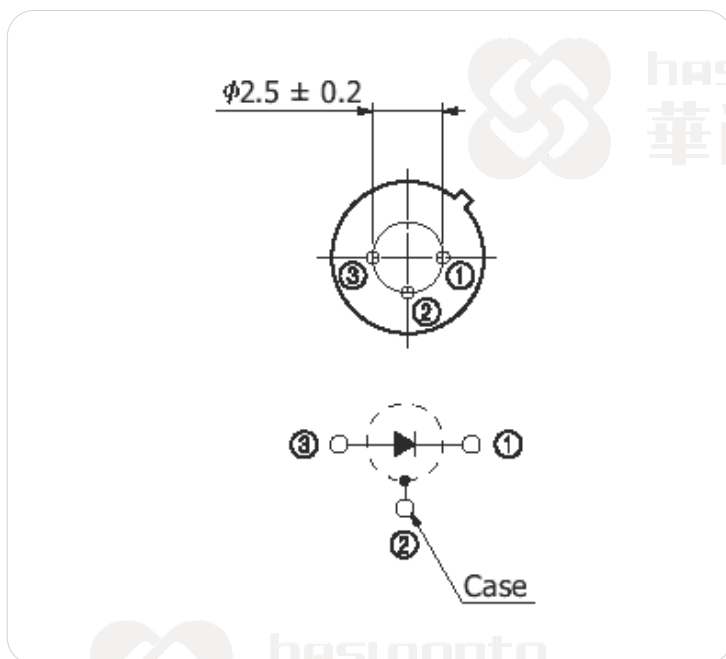
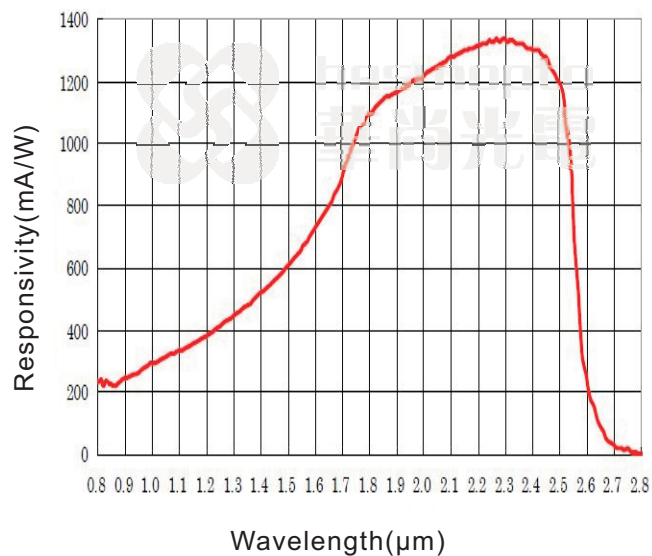

**Electrical & Optical Characteristics (Ta=25°C)**

ITEMS	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNIT
Active area				300		μm
Spectral range	λ		800		2600	nm
Responsivity	Re	Vr=0.5V, λ=1310nm		0.5		mA/mW
		Vr=0.5V, λ=2300nm		1.1		mA/mW
Response time	Tr	RL=50Ω, Vr=0.5V		10		ns
Dark current	Id	Vr=0.5V		0.5		uA
Reverse Breakdown voltage	VBR	IR=10μA		1		V
Junction capacitance	Cj	f=1MHz, Vr=0.5V		50		nF
Operating voltage	VR		0	0.5		V
Shunt impedance	Rsh	Vr=10mV		40		KΩ

Package Dimensions



Spectral Response Curve



Order information

**HIPD2.6-A0.3-XXXXX**

- X=TO46 TO-46 Can with flat window cap
- X=SMFP SM Fiber coupling with FC-PC connector
- X=SMFA SM Fiber coupling with FC-APC connector
- X=SMSA SM Fiber coupling with SC-APC connector
- X=5MMFA 50um MM Fiber coupling with FC-APC connector
- X=6MMFA 62.5um MM Fiber coupling with FC-APC connector
- X=JKFC TO-46 Can with FC receptacle
- X=Other By customer's request

Unit: mm, Tolerance: +0.2